

Title: Wadhvani AI: AI for Social Good

Abstract:

In this talk, I will give an overview of projects and directions at Wadhvani AI, the world's first non-profit institute devoted to AI for Social Good. I will describe our efforts to achieve scaled social impact in agriculture and healthcare through the use of machine learning, both in terms of specific technical projects as well as through partnering with other organizations within a larger social ecosystem. The talk will end with a brief description of the larger role of Wadhvani AI as a hub institute for AI for Social Good activities.

Speaker:

Alpan Raval is the Head of Data Science at the Wadhvani Institute for Artificial Intelligence. He is an alumni of IIT Kanpur (batch of 1990) and did his PhD from the University of Maryland at College Park. He was a member of the faculty at the Keck Graduate Institute & Claremont Graduate University till 2009 and has since been a member of the research staff at D. E. Shaw Research, Amazon, and LinkedIn, before joining Wadhvani AI. One of his core areas of interest is modeling protein families using machine-learning methods and mathematical modeling of protein structures using geometrical invariants.